

INSTRUCTIONS

- ITEM 8 Entries will be taken from codes listed on the reverse side of this form. page 3.
ITEM 20 Enter concise project progress information sufficiently complete so that reference to other reports will not be necessary. Changes in program scheduling should be fully explained. If additional space is required, a separate 8 x 10 1/2 sheet will be used. Identify particular report and mark proper security classifications.

1. PROGRAM STRUCTURE 921A	2. PROJECT NR OR SYSTEM TEST OBJ NR 	3. TASK, ESP OR TEST NUMBER 63B14
4. AFMTC PROJECT DIRECTIVE NR 63-83	5. AFSC PRIORITY 01A	6. REPORTING PERIOD July 1964

7. TITLE AND OBJECTIVE

D. E. S. TESTS

(Purpose is classified)

8. SCHEDULE	CURRENT FY 65												FY 66												FY 67 QTRS				FY 68 QTRS			
	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	1st	2d	3d	4th	1st	2d	3d	4th
CURRENT SCHEDULE	2	3	3																													
NEW SCHEDULE																																
CHS CODE																																

9. FIRST FLIGHT/TEST	10. LATEST FLIGHT/TEST	11. FINAL FLIGHT/TEST	12. TOTAL FLIGHT HRS REQ	13. ACFT SERIAL NR
14. % PLANNING COMPLETED 10/90	15. % INSTRUMENTATION COMPLETED 10/50	16. % TESTING COMPLETED 70/50	17. % DATA REDUCTION COMPLETED 5/50	18. % REPORT COMPLETED 5/50
19. % TOTAL COMPLETED 100/54				

20. REMARKS

LIC 9341

Tests completed: 6

Tests documented: 12

Aircraft hours flown to date:

Documented aircraft hours remaining:

Test	Photo
F-106B - 6	T-38 - 3
	F-104 - 20
	F-106B- 2

Test	Photo
F-106B - 6	F-106B - 9
	F-104D - 9
	T-38 - 9
	T-33 - 9

Two seat ejections were made from the aft cockpit of an NF-106B aircraft which was on the ground. One second after ejection the automatic lap belt fired, the dummy was ejected from the seat and a 35-ft. D main recovery parachute was deployed. On the first test the seat struck the main recovery parachute as it was deploying. At approximately the same time a 16-ft. D seat recovery chute automatically deployed, opened, and tangled on the dummy's foot. Before impact, the seat chute separated from the dummy's foot. The seat was refurbished and used on the second test. At seat separation on the second test, the dummy was yawing. This caused a between-the-legs deployment with the main canopy catching on the dummy's right foot and leg for 4.3 seconds. Before impact the quarter bag was removed and at impact the canopy had begun to inflate.

21. DATE 31 July 1964	22. OFFICE SYMBOL AND TELEPHONE EXT FINEM/266	23. SIGNATURE OF PROJECT OFFICER <i>David P. Schmarje</i> Lt. David P. Schmarje
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AFMTC FORM 29
AUG 62

PREVIOUS EDITIONS OF THIS FORM MAY BE USED.

PROJECT STATUS REPORT

INSTRUCTIONS

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1. PROGRAM STRUCTURE		2. PROJECT NR OR SYSTEM TEST OBJ NR		3. TASK, ESP OR TEST NUMBER	
921A				63B05	
4. AFPTC PROJECT DIRECTIVE NR		5. AFSC PRIORITY		6. REPORTING PERIOD	
63-10		75A		July 1964	
7. TITLE AND OBJECTIVE					
100-FT. D ₀ RECOVERY CHUTE					
To develop a system using clusters of 100-ft. D ₀ parachutes to recover suspended loads of 25,000 lbs. to 37,500 lbs. at velocities of 130 KEAS and deployment altitudes of 3,000 and 12,000 feet.					
8. SCHEDULE					
CURRENT FY 55					
FY 56					
FY 57 QTR 1					
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921A				62B01	
4. AFMTC PROJECT DIRECTIVE NR		5. AFSC PRIORITY		6. REPORTING PERIOD	
62-17		01		July 1964	
7. TITLE AND OBJECTIVE EXPERIMENTAL PERSONNEL PARACHUTE (MULTI-STAGE) To determine the opening reliability of a multi-stage parachute assembly to be used by parachutists from high altitudes.					
8. SCHEDULE					
CURRENT FY <u>65</u> FY <u>66</u> FY <u>67</u> QTRS FY <u>68</u> QTRS					
J A S O N D J F M A M J J A S O N D J F M A M J 1st 2d 3d 4th 1st 2d 3d 4th					
CURRENT SCHEDULE					
NEW SCHEDULE					
CHG CODE					
9. FIRST FLIGHT/TEST		10. LATEST FLIGHT/TEST		11. FINAL FLIGHT/TEST	
12. TOTAL FLIGHT HRS REQ		13. ACFT SERIAL NR			
14. % PLANNING COMPLETED		15. % INSTRUMENTATION COMPLETED		16. % TESTING COMPLETED	
10/93		5/93		70/93	
17. % DATA REDUCTION COMPLETED		18. % REPORT COMPLETED		19. % TOTAL COMPLETED	
10/93		5/0		100/88	

20. REMARKS

LIC 9121 WSC 3

Tests completed: 253

Tests documented: 273

Aircraft hours flown to date:

Documented aircraft hours remaining:

Test	Photo
G-130 - 62.1	T-28 - 25.4
B-66 - 40.0	T-33 - 69.0
	B-57 - 6.0
	F-104 - 1.5
	F-100 - 18.0
	H-21 - 19.0
	T-38 - 4.0

Test	Photo
G-130 - 9	T-33 - 7
B-66 - 0	T-28 - 3
	H-21 - 25

Twenty-eight tests were made. Six drop tower tests were made to test the suspension system for the 78-in. D hemisflo stabilization and 35-ft. D main parachutes. A 207-lb. torso dummy with a 45-lb. seat kit was dropped from several positions and various heights. A tensiometer was used to measure total force and a Brinnell tensiometer in each riser was used for individual riser forces.

Test information follows:

21. DATE	22. OFFICE SYMBOL AND TELEPHONE EXT	23. SIGNATURE OF PROJECT OFFICER
31 July 1964	PTNEM/266	<i>David P. Schmarje</i> Lt. David P. Schmarje

AFMTC

FORM
AUG 62

Approved For Release 2002/10/21 : CIA-RDP75B00285R000400020018-7


PREVIOUS EDITIONS OF THIS FORM MAY BE USED.

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921A				64B12																													
4. AFFTC PROJECT DIRECTIVE NR		5. AFSC PRIORITY		6. REPORTING PERIOD																													
64-73		75A		July 1964																													
7. TITLE AND OBJECTIVE																																	
TEST CANOPY DEFLATION POCKETS INSTALLED ON AF STANDARD PARACHUTES																																	
To determine effects of the pockets, if any, on parachute performance.																																	
8. SCHEDULE		CURRENT FY <u>65</u>												FY <u>66</u>				FY <u>67</u> QTR				FY <u>68</u> QTR											
		J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	1st	2d	3d	4th	1st	2d	3d	4th
CURRENT SCHEDULE		8	10	10	10	10	10	10	10	10	10	10	10																				
NEW SCHEDULE																																	
CHG CODE		J	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	R						
9. FIRST FLIGHT/TEST		10. LATEST FLIGHT/TEST				11. FINAL FLIGHT/TEST				12. TOTAL FLIGHT HRS REQ				13. ACFT SERIAL NR																			
14. % PLANNING COMPLETED		15. % INSTRUMENTATION COMPLETED				16. % TESTING COMPLETED				17. % DATA REDUCTION COMPLETED				18. % REPORT COMPLETED				19. % TOTAL COMPLETED															
10/10		10/0				70/0				5/0				5/0				100/1															
20. REMARKS																																	
LIC 9354 WSC 3																																	
Tests completed: 0 Tests documented: 90																																	
The revised schedule is an estimate based on past frequency of testing, priority, and current workload.																																	
Tests will be made at two airspeeds, 150 KCAS and 300 KCAS, using a P/N 50E6877-3 canopy assembly and 200-lb. torso dummy modified to use strain-gage links in both main risers. Forty tests will be made with modified canopies and forty tests with unmodified canopies for control purposes. The first tests are scheduled for 5 August 1964.																																	
21. DATE								22. OFFICE SYMBOL AND TELEPHONE EXT								23. SIGNATURE OF PROJECT OFFICER																	
31 July 1964								FTNEM/266								 R. H. Puddycomb																	

AFFTC

FORM
AUG 62

29

Approved For Release 2002/10/21 : CIA-RDP75B00285R000400020018-7
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